DALEWOO OWNER'S MANUALDV-F832P





6 HEAD TWIN Speed
Hi-Fi Video Cassette Recorder
Easy Programming Remote Control Menu System

Only cassettes marked WHS can be used with this video cassette recorder.

with existing with equipment.

For your own safety read the following instructions carefully before attempting to connect this unit to mains.

ELECTRICAL CONNECTION

Check that the voltage on the rating plate corresponds to the voltage in your home. The rating plate is on the back panel of the appliance.

"Warning-this appliance must be earthed"

The earthing of this appliance is compulsory by law. The manufacturer will accept no responsibility for injury to persons or damage to objects arising from the non observance of this requirement.

The wires of the mains lead fitted to this appliance are coloured in accordance with the following code:

GREEN AND YELLOW-EARTH BLUE-NEUTRAL BROWN-LIVE

As the colours of the wires in the mains lead fitted to this appliance may not correspond with the coloured markings identifying the terminals in the plug, proceed as follows:

The wire which is coloured GREEN AND YELLOW must be connected to the terminal in the plug which is marked with the letter "E" or by the earth symbol or coloured GREEN or GREEN AND YELLOW.

The wire which is coloured BLUE must be connected to the terminal which is marked with the letter "N" or coloured BLACK. The wire which is coloured BROWN must be connected to the terminal which is marked with the letter "L" or coloured RED.

If the terminals in the plug are unmarked or you are in any doubt as to the correct connections, consult a qualified electrician.

N.B. We recommend the use of a good quality plug.

MOULDED PLUGS

Should it be necessary to remove a moulded on plug from the mains cable, it should be cut off and replaced with a suitable replacement.

The moulded plug cannot be used for any other appliance, therefore remove the fuse and dispose immediately and safety to prevent anyone, especially children from plugging it in to a wall socket, which will create a safety hazard. Should the mains lead ever require replacement, it is essential that this operation be carried out by a qualified electrician and should only be replaced with a fiexible cord obtained from the manufacturer.

Applicable only if moulded plug is fitted.

After replacement of a fuse in the plug, the fuse cover must be refitted. If the fuse cover is lost a replacement cover must be obtained. The colour of the correct replacement fuse cover is that of the coloured insert in the base of the plug or the colour that is embossed in words in the base of the plug recess or elsewhere on the plug. Always state this colour when ordering a replacement fuse cover.

Only 5 amp replacement fuses which are ASTA approved to BS 1362 should be fitted.

CAUTION

TO PREVENT ELECTRIC SHOCK, DO NOT REMOVE ANY COVERS. NO USER SERVICEABLE PARTS INSIDE, REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

	THIS SYMBOL MEANS THAT THIS UNIT IS DOUBLE INSULATED.
Ш	AN EARTH CONNECTION IS NOT NECESSARY.

CAUTION: WHEN OPERATING THIS UNIT ON 230-240V MAINS SUPPLY, PLEASE NOTE THAT WHEN THE POWER SWITCH IS IN THE OFF MODE, THE UNIT IS NOT DISCONNECTED FROM THE MAINS SUPPLY. HOWEVER, PLEASE BE ASSURED THAT IT IS PERFECTLY SAFE TO LEAVE THE UNIT CONNECTED TO THE MAINS SUPPLY.

IMPORTANT NOTES

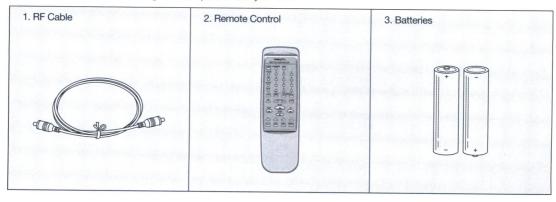
- Audio-visual material may include works of copyright which must NOT be recorded without the authority of the owner of the copyright.
- The clock display on the front panel of the VCR indicates that the mains supply is on.
- Do not operate or store the unit close to strong magnetic fields.
- Keep the unit away from radiators or other sources of heat.
- Do not spill liquid of any kind onto the unit. If liquid is accidentally spilled onto the unit, immediately remove the mains plug from the supply socket, and consult a qualified service engineer.

Moisture Condensations: If you pour a cold liquid into a glass, water vapour in the air will condense on the surface of the glass. This is moisture condensation. Moisture condensation on the head drum, one of the most crucial parts of the video recorder, will cause damage to the tape. Whenever the video recorder is exposed to extreme cold or heat at the same time, some condensation will occur. When moisture is present, turn the power switch on and allow at least two hours for the video recorder to dry out.

- Use the video recorder in a horizontal (flat) position only.
- Before operating, remove any paper wrapping which may have been affixed to the recorder during manufacture. DO NOT COVER VENTILATION OPENINGS ON TOP AND SIDES OF THE RECORDER DURING OPERATION.
- When a cassette is inserted into the loading compartment, the power is switched on automatically as long as the power cord is plugged into an AC outlet. DO NOT force a cassette into the compartment when the power cord is unplugged.
- Keep the recorder and video cassette away from strong magnetic fields.
- After playing a video cassette, remove it from the recorder. DO NOT move the recorder with a cassette in the compartment.
- Store video cassettes in their sleeve or case and position them vertically.
- If a cassette has been subjected to cold temperature, allow it to warm to room temperature before recording or playback.
- Only cassettes marked "VHS" can be used with this video cassette recorder.

ACCESSORIES

Check to be sure that the following items are packed with your VCR.



IMPORTANT SAFE GUARDS

For your own protection, please read these safety instructions completely before operating the appliance, and keep this manual for future reference.

Carefully observe all warnings, precautions, and instructions on the appliance, or the ones described in the operating instructions and adhere to them.

USE

Power Sources-This set should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of electrical power supplied at your home, consult your dealer or local power company.



Water and Moisture-Do not use mains power operated sets near water-for example, near a bathtub, washbowl, kitchen sink, or laundry tub.



Accessories—Do not place the set on an unstable cart, stand, tripod, bracket, or table. The set may fall, causing serious injury to a child or adult and serious damage to the set.



Overloading-Do not overload wall outlets, extension cords or convenience receptacles beyond their capacity, since this can result in fire or electric shock



Object and Liquid Entry-Never push objects of any kind into the set through openings as they may touch dangerous voltage points or short out parts. This could result in fire or electric shock.



Ventilation—The slots and openings in the cabinet are provided for necessary ventilation. To ensure reliable operation of the set, and to protect it from overheating, these slots and openings must never be blocked or covered.



Attachments-Do not use attachments not recommended by the manufacturer, as they may cause hazards.



Cleaning-Do not use liquid cleaners or aerosols. Use a cloth lightly dampened with water for cleaning the exterior of the set.



Power Cord Protection—Route the power cord so that it is unlikely not to be walked on pinched by items placed upon or against it, paying particular attention to the plugs, receptacles, and the point where the cord exits from the appliance.



SERVICE

Damage Requiring Service—Unplug the set from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- When the power cord or plug is damaged or fraved.



CRACKED PLUG

- If liquid has been spilled or objects have fallen into the set.



- If the set has been exposed to rain or water.



 If the set has been dropped or the cabinet has been damaged.



- If the set does not operate normally by following the operating instructions. Adjust only those controls that are specified in the operating instructions. Improper adjustment of other controls may result in damage and will often require wxtensive work by a qualified technician to restore the set to its normal operation.



- When the set exhibits a distinct change in performance, this indicates a need for service.

Servicing-Do not attempt to service the set yourself as opening or removing covers may expose you to dangerous voltage or other hazards.

Refer all servicing to qualified service personnel.



Replacement parts—When replacement parts are required, be sure that service technician has used replacement parts specified by the manufacturer that have the same characteristics as the original parts. Unauthorized substitutions may result in fire, electric shock, or other hazards.

Safety Check-Upon completion of any service or repairs to the set, ask the service technician to perform routine safety checks (as specified by the manufacturer) to determine that the set is in a safe operating condition.



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Record in the spaces provided below the Model and Serial Number which can be found on the back of your Video Cassette Recorder.

Model No _

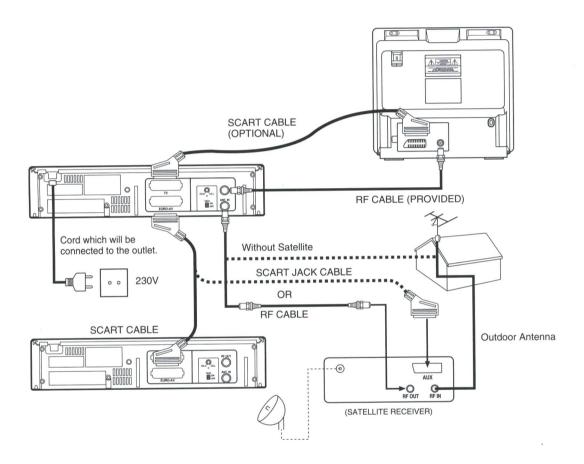
Serial No _

Retain this information for future reference.

CONNECTIONS

After you have connected the aerial to the VCR, you must connect the VCR to the TV. This VCR has a single 75 ohm output for connection to the TV.

If your TV has an EURO-AV jack, you can improve the picture quality by connecting this jack to the EURO-AV jack on the rear of the VCR using a SCART cable as shown below.

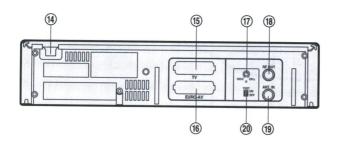


INSTALLATION OF THE VCR

TV CHANNEL SETTING

The built-in RF converter permits playback of video and audio recordings through a TV receiver. The signals from the RF converter are viewed through a vacant channel not used for broadcasting in your viewing area.

The converter channel of all units is set to UHF channel 36 prior to shipment. Setting your TV receiver to UHF channel 36 may provide video playback. However, to obtain the best possible reproduction on your TV receiver, accurate adjustment to the RF converter output is required.





(15): TV OUTPUT (16): AUX IN/OUT

ACTION

- 1. Set the TEST SIGNAL switch @ located on the rear panel to ON.
- 2. Switch On your TV.
- 3. Tune your TV-following the instructions in your TV Instruction Manual-until the two white signal bars appear on the screen as illustrated above right.
- 4. Set the TEST SIGNAL switch @ to OFF.

Notes:

When you tune your TV to the Channel 36 RF Converter output signal, some interference noise may be seen on the screen because of broadcasts on neighbouring channels and it may be necessary to change the RF converter output Channel.

To do this, insert a screwdriver into the hole provided on the rear of the set ① and re-adjust the RF Converter frequency adjustment screw IN MINUTE STEPS.

Then retune the TV receiver until a clear picture is received.

Note that this adjustment requires extreme precision and must be done with the utmost care.

No signal is available from the VIDEO OUT Terminal while the Channel Setting signal is being used.

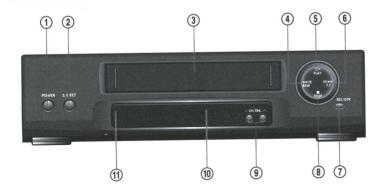
If a prerecorded VHS Cassette is available, TV adjustment for VIDEO CHANNEL setting is also possible by using it to obtain a playback picture.

Insert the cassette and operate the VCR to playback the cassette. Tune the TV receiver to obtain clear pictures and sound while monitoring the playback picture on the TV screen.

If your TV receiver is not provided with an AFC (Automatic Fine Tuning) circuit, perform fine tuning on the TV.

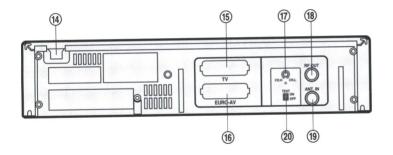
VCR CONTROLS & DISPLAY PANEL SYMBOL IDENTIFICATIONS

FRONT OF VCR



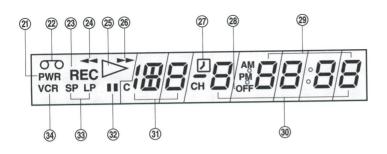
- ① Power On/Off
- 2 Eject
- (3) Cassette Compartment
- (4) Rewind/Review
- (5) Play
- Fast Forward/Cue
- Record and OTR (One Touch Timer)
- (8) Stop
- Channel Selection
- (10) Remote Sensor
- (1) Display Panel

REAR OF VCR



- (14) AC Power Cord
- (5) FURO-AV Jack (For TV)
- (16) EURO-AV Jack
- (For other VCR or Equipment)
- (17) RF Output Channel Adjustment Screw
- (18) RF Output Terminal
- (9) Antenna Input Terminal
- 20 Test Signal On/Off Switch

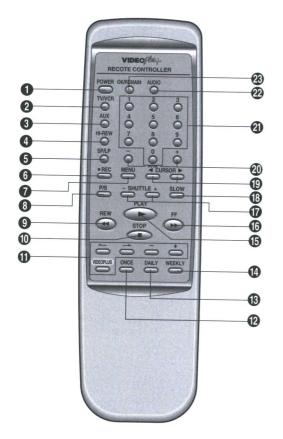
DISPLAY PANEL



- (21) Power On
- 2 Tape In
- 23) Record
- (24) Rewind /Review
- 25) Play
- 26 Fast Forward/Cue
- ② Timer Recording
- 28 OTR Off
- 29 Clock
- 30 Counter
- ③ Channel
- 32 Still
- 33 Tape Speed
- 34 VCR

REMOTE CONTROL IDENTIFICATION

REMOTE CONTROL FUNCTIONS



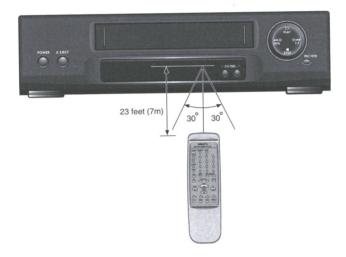
- 1 Power-turn
- 2 TV/VCR
- 3 AUX
- 4 High Speed Rewind
- 5 Speed (SP/LP Selection key)
- 6 Pause/Still
- Menu
- 8 Record
- 9 Rewind/Review
- Stop
- 1 VideoPlus+
- **1** Once
- B Daily
- Weekly
- Play
- 16 Fast Forward/Cue
- 1 Shuttle -/+
- (B) Slow
- Menu Cursor Movement/Picture sharpness and Fine tuning
- ② Programme/Tracking -/+
- ② Direct Access Number 0-9
- Audio
- ② OK/REMAIN

FUNCTION INDICATOR

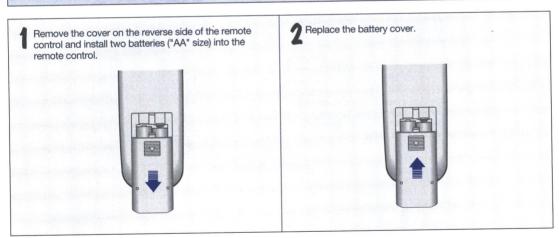
① PLAY/SLOW	② CUE	③ FAST FORWARDING	④ REVIEW
⑤ REWINDING	® RECORDING REC	⑦ PAUSE	® STILL
9 EMERGENCY	* -\frac{\sqrt{\cong}}{\cong} \times means blinking. * A malfunction might hat in that case, emergency Multi-Function Display. release the VCR from e	ppen due to external influences, y sign appears on Pressing POWER key will mergency mode.	

HOW TO USE THE REMOTE CONTROL

- Any object between the remote control and VCR will block the path of the beam when it is being used. Dark walls, direct sunshine or very bright (incandescent) light will reduce the remote sensitivity.
- 2. Hold the remote control within an angle range of about 30° from either side of the remote sensor as shown below.
- 3. When the remote control is vertical to the remote sensor, it will work within about 23 feet (7m) from the VCR.
- 4. Point the front of the remote control directly at the front of the VCR.
 - * Function buttons do not work when pressing several buttons at the same time.



HOW TO INSTALL BATTERIES



- Carefully install batteries to match the polarity diagrams.
- It is recommended to take batteries out of the remote control when not in use for a long time.
- Do not mix old and new batteries or different types.

BASIC OPERATIONS

PREPARATION

Turn on the TV and select the VCR channel. Turn on the Power of the VCR by pressing the **POWER** button.

LOADING A TAPE

The Power of the VCR will automatically turn on when a prerecorded cassette is inserted.

The Tape-in To indicator on the Display Panel will light.

PLAYBACK

Press the **PLAY** button and the picture will appear on the TV. The Play indicator ▷ will light on the Display Panel. The tape is rewound automatically to the beginning after playing to the end.

STOP

Press the **STOP** button. The tape will stop, but will remain loaded and be ready to play.

FAST FORWARDING

Press the **FAST FORWARD** button whilst in the Stop mode. The tape advances at high speed without picture and sound. The Fast Forward indicator ▶▶ on the Display Panel will light and display FF on the TV screen for 5 seconds.

REWINDING

Press the **REW** button in the Stop mode. The tape is rewound at high speed without picture and sound.

The Rewind indicator ◀◀ on the Display Panel will light and

display REW on the TV screen for 5 seconds.

EJECTING

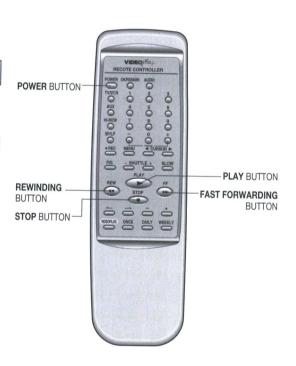
Press the **EJECT** button on the front of the VCR and the video cassette will automatically eject.

PLAYBACK OF Hi-Fi RECORDED TAPES

This VCR will play back both video tapes and audio-only tapes recorded in the Hi-Fi mode.

NOTES:

Stereo sound output is only possible using the AUDIO OUT terminals (the 21 pin scart jack). Sound from the radio frequency converter (RF OUT) is mono only. The screen will be black when audio-only Hi-Fi tapes are played back.



SPECIAL OPERATIONS

FAST FORWARD (CUE)

Whilst in the Playback mode, press the **FAST FORWARD** button once. The tape will advance rapidly showing a picture but with no sound. Cue probable will blink on the Display Panel.

FAST BACKWARD (REVIEW)

Whilst in the Playback mode, press the **REWIND** button once. The tape will then rewind rapidly showing a picture but with no sound. Review 5⁴⁴ will blink on the Display panel.

PAUSE OR STILL PICTURE

Whilst in the Playback mode, press the **PAUSE/STILL** button once. The Still indicator will light on in the Display Panel. Each time you press the **PAUSE/STILL** button when tape is in stop-action pause, the picture will advance frame by frame.

SLOW PICTURE

Whilst in the Playback mode, press the **SLOW** button once to see the picture in detail.

* Press the **PLAY** button to resume PLAYBACK mode.

Please note that no sound can be heard whilst in the Search, Slow or Still mode and whilst switching between Search and Playback mode some picture distortion may appear briefly. This is NOT a sign of a malfunction.

HIGH SPEED REWIND

Press the **HI-REW** button to rewind the tape in high speed rewinding mode. With an E-180 cassette, normal rewind will take about 4 mins 30 secs.

High Speed Rewind will only require about 2 mins 30 secs and the counter does not operate in this mode and display HI-REW ◀◀◀ on the TV screen for 5 seconds.

ADJUSTMENT OF TRACKING

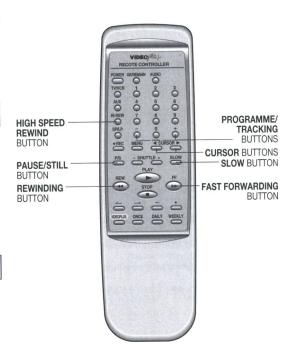
This VCR has an automatic tracking adjustment to minimize picture noise. The Play indicator ▷ on the Display Panel blinks during auto tracking adjustment and stops blinking as soon as the adjustment is complete. If you wish to override the auto tracking adjustment and reduce picture noise manually, simply press the PR/TRK -/+ buttons.

ADJUSTMENT OF SHARPNESS

Picture images on the screen can be adjusted to a preferred definition softer or sharper by pressing either of the buttons **CURSOR** whilst in the Play mode. The buttons operate once each time they are pressed.

ADJUSTMENT OF PICTURE SHAKE

To eliminate picture shake in the Still mode, press either of the **PB/TRK** –/+ buttons whilst in the Still mode.



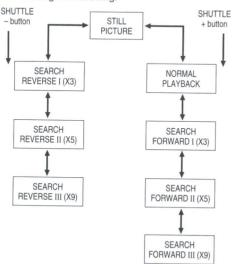
DIGITAL SHUTTLE FUNCTIONS

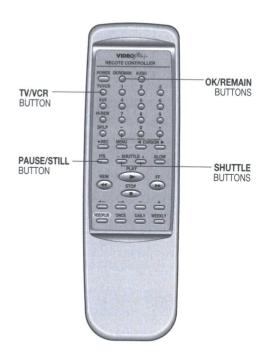
DIGITAL Shuttle

(Only operated by Remote Control)

The Digital Shuttle allows you to control the speeds variously during playback.

Then, by pressing either the + or - SHUTTLE button the VCR will move through the following:





TAPE SELECT/REMAIN

Pressing the **OK/REMAIN** button when loading a tape produces Tape select/remain screen.

You will find the remaining tape length on the right side of the bottom.

If the tape required is less than the recording time, your VCR can calculate the amount of record time and select the record speed automatically.

- Press the **OK/REMAIN** button.
 TAPE SELECT/REMAIN screen appears.
 - The initial display of the tape select is E-180.
 But the next time, last tape length type that you set is displayed when VCR's power is newly turned on or when a tape is inserted again after ejecting.

2. If you want to change the tape length type, press the **OK/REMAIN** button.

Each time you press the **OK/REMAIN** button, the tape type will be changed as follows;

E-180 → E-240 → E-180

- If the OK/REMAIN button is not pressed for about 5 seconds in operating above steps, then the Tape Select display (E-180 or E-240) disappears and moves to Tape Remain mode.
- 3. Press **OK/REMAIN** button to remove the Tape Remain display.

Note:

The tape remain won't be displayed whilst in the special effects ie, Still, Slow, Cue or Review etc.

AUTO SET-UP

This is an automatic method of searching and storing local TV broadcasts, together with the current time and date.

PREPARATION

Set-up TV and VCR according to the instructions on page 5 of this manual. It is very important that the aerial is properly connected as the auto set-up feature will not operate otherwise.

Select the VCR channel on your TV set, or the 'AV in' if you are using the SCART cable. Your screen will then display the message as in 'Fig. 1'.



Fig 1.

After completing auto set-up, the MANUAL SET screen appears as in 'Fig. 4'.
For information on Manual set

For information on Manual se refer to the page 16.



Fig 4.

CLOCK SET

HOUR: MINUTE CORRECT END

DATE 20/9/1996 (FRI)

0-9

MENU

Whilst pointing the remote control directly at the VCR press the **OK /REMAIN** button. The autoset function will now operate and the message in 'Fig. 2' will be displayed. If it tunes a station, the station name will be displayed for 2 seconds.

Once all the channels have been found the VCR will then enter the sort mode as shown in 'Fig. 3'. This will ensure that your local TV broadcasts will be located in the correct order. Once this function is complete the picture relating to channel one will be displayed.



Fig 2.



Fig 3.

If your VCR is equipped with VideoPlus+ programming the VideoPlus+ Preset Channel will be correctly set. For more information, refer to page 24.

PLEASE NOTE:

- After sorting is completed, if it doesn't detact clock data, the CLOCK SET screen will appear.
- This VCR is equipped with a two hour memory back up facility.

If the VCR is disconnected from the mains supply for a longer period then all stations will be lost from the memory, and the auto set-up function will have to be activated again.

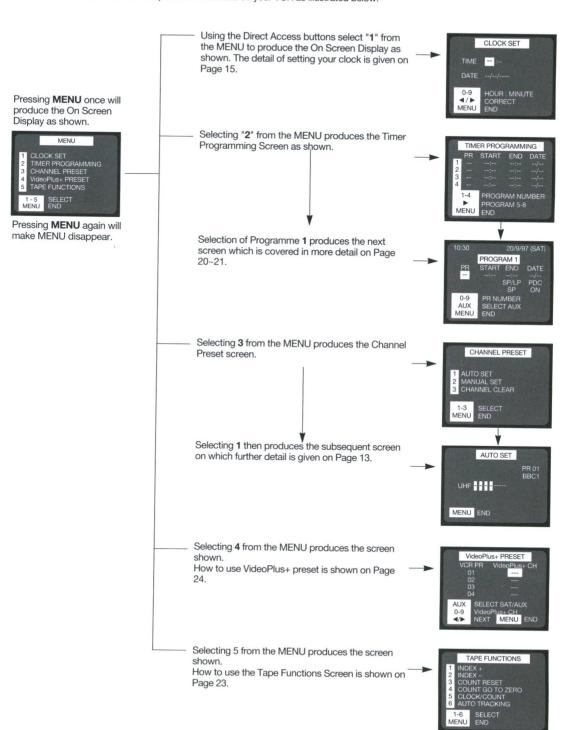
But if you want to maintain the previous memory, press the

But if you want to maintain the previous memory, press tr **MENU** button in Fig. 1 mode.

- If auto set fails to pick up any channel you can normally watch please use tuning procedure on page 16 or if you add a satellite receiver.
- If AUTO SET is executed properly, the clock will be set automatically.

OPERATION OF MENU

The **MENU** button is used to set up various functions on your VCR as illustrated below.



SETTING THE CLOCK BY USING MENU

PREPARATION

Turn on the TV and select the VCR channel on your TV set.

If you use the scart cable (line) to watch the TV, set the VCR to VCR mode by pressing the TV/VCR button on the remote control.

EXAMPLE

10:30, September 20, 1997.

Press the 1 button in the main MENU to select CLOCK SET mode. Then the On Screen Display will change to the right sides.



Press the 1-0-3-0 buttons in order to set the hour and minute.



Press the 2-0-0-9-9-7 buttons in order to set the date and year.

Press the MENU button to store the settings you have made.



Note

- If you press the wrong button by mistake, correct it by moving the cursor with the

 or

 button CURSOR.
- If any button is not pressed for about 60 seconds in operating these steps, then the CLOCK SET screen disappears.
- This function is not necessary if the auto set feature has been carried out correctly.

MANUAL SET

SETTING CHANNELS AUTOMATICALLY

For information on AUTO SET refer to the page 13.

MEMORIZING CHANNELS TO A DIFFERENT PROGRAMME NO.

If you wish to transfer a broadcast channel to another programme number, please use the following procedure:

- 1. Ensure that the channel name that you wish to transfer is highlighted by the white box. Use the PR/TRK or + button to select the channel.
- 2. Now enter the new programme number that you wish to transfer to, using the direct access number buttons 0-9.
- 3. Press the **OK/REMAIN** button on the broadcast channel and the channel name will be transferred to the selected programme number.

The original programme number will now be erased.

SETTING CHANNELS MANUALLY

This method will allow you to locate and store additional channels which were not selected during the auto set-up function.

PREPARATION

First, turn on the TV and the VCR and set the TV to the VCR channel.

If you use the scart cable (line) to watch the TV, set the VCR to VCR mode by pressing the **TV/VCR** button on the remote control.



Using the PR/TRK – and + buttons select a programme number (Fig. 2).



Fig. 2

Next press the **MENU** button and the Menu screen will appear. Select "3" and the Channel Preset screen will appear.



Press the **OK/REMAIN** button to enter the manual search screen (Fig. 3).



Fig. 3

1. The MANUAL SET screen appears with the arranged stations' names. (Fig. 1) The nameless channels are displayed as "P-01, P-02,..." and the untuned channels as "----".



Fig. 1

4. Press the PR/TRK – or + button to start the search mode (Fig.4). When a station is found the station name will be displayed (Fig.3). If this is the required station press the OK/REMAIN button.

If it is incorrect or a nameless channel appears press the PR/TRK – or + button again and searching will be resumed.



Fig. 4

5. Once the correct channel is found press the **OK/REMAIN** button in order to store the programme in the memory.

CHANGING THE STATION NAME

 You may if you wish correct or create a station name, when the screen in Fig. 5 is displayed.



Fig. 5

CLEARING CHANNELS

Press the **MENU** button and from the Menu screen select the Channel Preset screen "3".



Press the **OK/REMAIN** button and the screen in Fig. 6 will appear.



Fig. 6

Select 3, Channel Clear and use **PR/TRK** – and + buttons to select the PR number for example, PR 3 which you wish to clear.



Press the ▶ button and the screen in Fig. 7 will appear.



Fig. 7

Press the **OK/REMAIN** button to clear it.

 If you press the OK/REMAIN button continuously, PR numbers are changed and erased in order.

PR 3 will clear and the next memorized Channel will appear on the screen. Use the **PR/TRK** buttons to check that the channel has been erased.

At this stage you may press the ◀ button in order to view the received channel. The picture will disappear after the button is released.



3. Press the ▶ button and the screen in Fig. 8 will appear. Press the PR/TRK – and + buttons to select the correct letters and numbers to make up the station name. Press the ◀ or ▶ button to move the cursor along to the next segment.



Fig. 8

- After you have entered the channel name press the OK/REMAIN button to store the information then press the menu button to return to normal operation.
 - The characters consist of the alphabet A-Z in upper case and lower case, 0-9 in digits, one blank and special letters (*+,--/?).
- Repeat every step to continue to exchange, search manually another programme position and to correct the name of another station.

MANUAL FINE TUNING

Your VCR has automatic fine tuning to tune any selected channel to receive the best picture, but if the picture or sound has poor quality, the VCR may require Fine Tuning. Press the buttons **CURSOR** on the remote control until the best picture and sound is received. It can be memorized by pressing the channel number on the remote control.

RECORDING TV PROGRAMMES

TO WATCH & RECORD THE SAME CHANNEL

First, switch on the TV and set it to your VCR channel.

Load a cassette into the VCR, making sure that the safety tab is intact. The power will come on automatically and the Tape In σο indicator will light on the Display Panel.

Press the Channel Direct Access buttons or the PR/TRK -/+ buttons to select the channel you wish to watch and record.

Also select the speed at which you wish to record-SP or LP-by using the **SP/LP** button. Press the **REC** button and the recording will start. The REC indicator appears on the Display Panel.

TO PAUSE

Press the **P/S** button to "Pause" the recording if you wish to avoid unwanted material. The Pause indicator REC_{II} will be displayed on the Display Panel. Press the **REC** button to continue recording.

Note that the pause function will be released after 5 minutes to prevent damage to the tape or the VCR and the STOP mode will be entered automatically.

TO WATCH ONE CHANNEL AND RECORD ANOTHER

Follow the procedure on the upper side all the way through to start the recording.

Then set the VCR to the TV mode by pressing the TV/VCR button.

The VCR indicator will disappear from the Display Panel, but the VCR will continue to record.

Then select the TV Channel you wish to watch by using the TV Channel selector on the TV receiver.

TO STOP RECORDING

Press the STOP button to stop the recording.

Note

- Since the VCR has its own TV tuner, it is not necessary to turn on the TV in order to make a recording.
- Turning on the TV merely allows confirmation of proper channel settings on your VCR.

AUDIO SELECTION

RECORDING Hi-Fi STEREO SOUND

This VCR receives and records Multi-sound broadcasting (stereo or bilingual programme).

This VCR automatically records audio signals on two kinds of audio tracks.

Hi-Fi : Using specialized rotary heads, audio signals are recorded on the video track in the FM format. Multisound broadcastings (stereo or bilingual programmes) are automatically recorded on two channels.

Normal: Audio signals are recorded monaurally on the linear track. Stereo broadcastings are recorded in mono, and only the main audio of bilingual programmes is recorded.

Notes:

 Video cassettes recorded on this VCR can be playback on a non-Hi-Fi VCR.

However, only the normal (linear) track will be played back.

STEREO BROADCASTING

• The STEREO sound is heard from the left and right speakers.



 Press the 'AUDIO' button on the Remote control.
 (Only the LEFT audio is heard from both the left and right speakers.)



 Press the 'AUDIO' button on the Remote control.
 (Only the RIGHT audio is heard from both the left and right speakers.)



 Press the 'AUDIO' button on the Remote control.
 (The STEREO sound is mixed and is heard from both the left and right speakers.)



BILINGUAL BROADCASTING

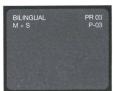
 Your mother language is heard from both the left and right speakers.



 Press the 'AUDIO' button on the Remote control.
 (A foreign language is heard from both the left and right speakers.)



 Press the 'AUDIO' button on the Remote control.
 (Your mother language and a foreign language are heard from the left and right speakers.)



AUDIO OUTPUT MODE

The audio output mode is controlled by the **AUDIO** button on the remote control. The VCR is normally set to the Hi-Fi mode, with L+R displayed on the screen, and normal stereo sound output.

Press the **AUDIO** button and only the Hi-Fi left channel audio is heard from both the right and left speakers.

Press the **AUDIO** button again and only the Hi-Fi right channel audio is heard from both the right and left speakers.

Press again and only the mono linear track is selected.

The above sequence is then repeated each time the AUDIO button is pressed.



NOTES:

- If the Hi-Fi output audio level is poor, VCR will automatically select the mono linear track output.
- When playing back tapes which have only Hi-Fi sound record: If Hi-Fi sound is not reproduced, or if there is some noise in the audio, press the CH/TRK + or – button until the sound improves.

NORMAL TIMER PROGRAMMING

The Programmable Timer Recording function allows you to record up to 8 different programmes as long as one year in advance. Once you have set the timer for timer programming, the timer will turn on and off the VCR automatically at the time you have preset.

There are three programme modes:

Once Recording a programme on any day you choose (One Time Recording of a single programme).

Daily Recording a programme every day at the same time that you have preset (Daily Recording).

The DAILY programming mode is not available on Saturday and Sunday.

Weekly Recording a programme on one certain day of every week (Weekly Recording)

Before setting your VCR to record a programme in advance make sure that the following have been checked:

- Select the VCR channel on your TV set.
 If you use the scart cable (line) to watch the TV, set the VCR to VCR mode by pressing the TV/VCR button on the remote control
- The clock is set to the correct current time.
- The safety tab is not missing from the cassette.
- The tape is long enough to record the desired programme.

For the purpose of this example we are assuming that the current time is 10:30 on 20 September 1997 and that we wish to record today from 11:30 to 13:30 and the programme we wish to record is on TV Channel 6.

NOTE:

If the Programming mode is selected when current time has not been set on the Clock, the MENU of CLOCK SET will display, then set the correct current time.

Preset contents can be corrected by using buttons **CURSOR** on the remote control.

The cursor box will move to left or right to the previous or next step.

OPERATION 1 (SINGLE PROGRAMMING)

1. MENU MODE

Press the **MENU** button on the remote control. The Menu screen appears.



2. PROGRAMMING MODE

Press No. **2** button to enter the Timer Programming mode and the Timer Programming screen appears.



3. PROGRAMME No.

To select the desired programme press the required Direct Access buttons.



4. CHANNEL SELECTION

Press the Direct Access buttons to select the desired Channel (06).



5. ON & OFF TIME SETTING

Press the Direct Access buttons to set the On Hour and Minute (11:30). Press the Direct Access buttons to set the Off Hour and Minute (13:30).



6. DATE SETTING

Press the Direct Access buttons to set the Day (20). Press the Direct Access buttons to

set the Month (9).



7. SPEED SELECTION

Press the Direct Access button 1 or 2 to select the recording speed SP or LP.



8. PDC ON/OFF

Press the Direct Access button 1 or 2 to turn the PDC On and Off.
Press the **MENU** button to enter the Timer programming.



* When using normal timer programming with the PDC ON, please ensure that the correct start and stop times as per newspaper or magazine. If these times are incorrect, even by one minute, the VCR will not record.

NOTE:

If this programme overlaps with anything already programmed, the error message shown on the right is displayed for 4 seconds.



FOR PROGRAM RECORDING

1. INSERT THE CASSETTE

2. TURN VCR OFF

9 ADDITIONAL PROGRAMMING

For additional programming for programme 2, repeat steps 3-8. Programme No. 3 can be set in the same way Press the **MENU** button and the

instruction shown will appear on

the screen

10. TIMER STAND-BY MODE

Press the **POWER** button and the Power will turn off and the Timer REC indicator will light on the Display Panel.

OPERATION 2 (WEEKLY PROGRAMMING)

Press the Direct Access buttons 8 and 8 before setting the day on the former Sequence

Press the Direct Access buttons 1-7 to select the Day.

- 1 Monday
- 2 Tuesday 4 - Thursday
- 3 Wednesday 5 - Friday
- 7 Sunday
- 6 Saturday

20/9/97 (SAT) PROGRAM 1 ERI

OPERATION 2 (DAILY PROGRAMMING)

Press the Direct Access buttons 9 and 9 before setting the day on the former sequence.

*** The DAILY programming mode is not available on Saturday and Sunday.



CANCELLING TIMER PROGRAMMES

Simply press the **MENU** button, select Timer programming and then the Programme number that you wish to delete. When this appears press the Direct Access button "0" and Programme content is cancelled.

CHECKING TIMER PROGRAMMES

1 PROGRAMMED EXAMPLE Press the **MENU** button and select Timer Programming mode. The Timer Programming screen will

appear. If you then select a Programme number that has been used (like No 1 was used for our earlier example) then the final detail will appear. If you select a number that has not been programmed then no

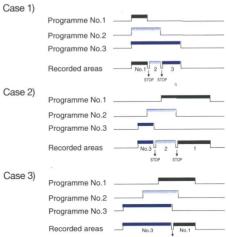
content will appear.



WHEN RECORDING TIMES OVERLAP (WHEN PDC IS OFF)

When setting the Programmable Timer, be careful not to overlap the preset times.

If two programmes or more start to record at the same time. the lower number programme is recorded preferentially. If the next one starts while a programme is being recorded. the recording of the first programme will be continuous. The diagram below illustrates this point.



When a timer programme has been entered improperly or the loaded cassette does not have a safety tab in place, the cassette will be ejected automatically.

NOTE:

Stand-by mode.

When the TIMER REC I indicator is displayed in the timer Stand-by mode, the VCR cannot be operated manually as no buttons will operate in the Timer Standby mode.

To release the Timer Stand-by mode, press the POWER button and use the VCR as usual. Pressing POWER again will return the VCR to the Timer

ONE TOUCH TIMER RECORDING (OTR)

OTR is simply a convenient way of making a timed recording without using the Programmable Timer.

When OTR is complete the VCR automatically enters the STOP mode.

Before setting OTR make sure that

- The clock has been correctly set to the present time.
- The cassette tape has a safety tab.
- The tape is long enough to record the programme.

Simply insert a cassette tape, then press the Direct Access button to select the channel you wish to record.

Then press the **REC** button to begin recording.

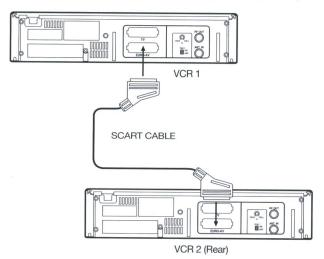
Press the **REC** button once will record until stopped: pressing again will add 30 minutes to the recording time and so on, as shown in the table below.

Press the **POWER** key to cancel OTR.

Press x1	Normal Recording
Press x2	30 mins
Press x3	1 hour
Press x4	1 hour 30 mins
Press x5	2 hours
Press x6	2 hours 30 mins
Press x7	3 hours
Press x8	3 hours 30 mins
Press x9	4 hours
Press x10	4 hours 30 mins
Press x11	5 hours
Press x12	5 hours 30 mins
Press x13	6 hours
Press x14	6 hours 30 mins
Press x15	7 hours
Press x16	7 hours 30 mins
Press x17	8 hours
Press x18	8 hours 30 mins
Press x19	9 hours
Press x20	9 hours 30 mins
Press x21	10 hours
Press x22	Normal Recording

DUPLICATING A VIDEO TAPE

If you connect one VCR to another using a SCART jack, you can duplicate a previously recorded tape.



- Power on TV, VCR1 and VCR2 and connect VCR 1 to VCR 2 with the SCART.
- Press the AUX button on the remote control to display AV on the Display Panel on VCR 2.
- Press the PLAY button on the VCR 1 where the original cassette which you wish to copy is inserted.
- Press the REC button on the VCR 2 where the blank cassette is inserted on which you wish to copy.

* If you use the phone jacks (Video/Audio), you must use two Audio jacks (left and right) for high sound quality.

^{*} If you connect the phone jacks (Video/Audio) to the phone jack terminals on the Front panel, the input signal of phone jack is received preferentially, otherwise the input signal of Euro-AV jack on the rear panel is received.

VHS INDEX SEARCH SYSTEM (VISS)

The VHS Index Search function gives you automatic access to previously recorded index marks on a tape. VISS can perform index and skip searching whenever the recorded tape contains index marks: the index marks are automatically recorded on the tape by a function generated at the start of normal recording and timer recording

PREPARATION

Press the **MENU** button and the Menu screen appears as shown.



Press Direct Access button 5 to enter into the Tape Functions mode as shown.

There are two functions concerned with VISS:



1. INDEX +

Press 1 to enter the Index + mode. The VCR will fast forward and play the first 6 seconds at every index marked segment. After six



seconds it will fast forward again until it reaches the next index mark-and so on.

2. INDEX -

Now press 2 to enter the Indexmode.

18 P 00 The VCR will rewind, stopping at the first index mark to play for six

seconds before continuing to rewind again.

Both these modes can be interrupted during the six seconds playing period by pressing the PLAY button.

CLOCK/COUNT, COUNT RESET, COUNT GO TO ZERO, AUTO TRACKING

Press Direct Access button 5 in MENU screen to select TAPE FUNCTIONS mode.

Whilst in the Tape Functions screen mode, you can make a number of adjustments to the VCR clock or count function.



COUNT RESET

Press Direct Access button 3. This activates the Count Reset and is used to locate a desired position on a tape during either playback or recording.

COUNT GO TO ZERO

Press Direct Access button 4. This activates the Count Go To Zero function and is used to locate the beginning of a programme immediately after you have recorded it.

CLOCK/COUNT

Press Direct Access button 5. This activates the Clock/ Count which now indicates the tape running time in hours, minutes and seconds.

AUTO TRACKING

This VCR has automatic tracking which adjusts the picture when playing back a tape. Automatic tracking is turned on whenever a tape is inserted. Occasionally, you may need to manually adjust tracking with PR/TRK buttons on the remote control. If you want to go to re-auto tracking after using manual tracking, simply select 6 the AUTO TRACKING in TAPE FUNCTIONS of MENU. The AUTO TRACKING is available as long as PLAYBACK mode is operated.

NOTE:

- In the Playback, Stop, Cue, Review, Fast Forward, Rewind or Still mode the Count Go To Zero function can be operated directly without pressing the STOP button.
- When you insert a cassette, the counter always resets to
- The counter does not operate when a blank tape or a blank portion of tape is played.
- If the tape is rewound beyond the Zero counter reading a negative indicator appears.
- When the counter reaches 9:59:59 it will re-start counting from 0:00:00.

VideoPlus+ PRESET

PREPARATION

- 1. Turn on your VCR and TV.
- Select the VCR channel on your TV set.
 If you use the scart cable (line) to watch the TV, set the VCR to VCR mode by pressing the TV/VCR button on the remote control.
- 3. Make certain that the clock is set correctly.

ACTION

- Write down a list of the broadcasting TV channels which are preset to each VCR channel (refer to Channel Preset on page 13).
- Press the **MENU** button and then press the Direct Access button no. 4 to select the VideoPlus+ Preset mode.
 All preset VCR channels are listed on the screen as shown.
 - All preset VCR channels are listed on the screen and VideoPlus+'s channel mapping is automatically set by recognizing station's ID as shown.





VideoPlus+ PRESET

MENU END

PRESETTING THE VideoPlus+ CHANNELS MANUALLY

If the Auto Set function is not executed properly, you can set the VideoPlus+'s channel manually.

After you have preset all receivable broadcasting channels, you can match each channel number to the VideoPlus+ channel number, which are published in the TV guides, by using the following simple instructions.

- Press the ◀ or ▶ button to place the cursor on the --- under the VideoPlus+ CH heading.
- Press the Direct Access buttons channel number.

NOTE:

VideoPlus+ channels can be selected from 001 to 240.

If the auto set function has been properly executed the above process will not be necessary.

VideoPlus+ TIMER RECORDINGS OF SATELLITE BROADCASTS

CONNECTED BY RF CABLE

During Autoset the VCR will automatically set the VCR channel 06 as the satellite recording channel. Please check that channel 06 is correctly tuned to your satellite receiver. Each satellite channel has its own VideoPlus+ channel number (see fig A) during autoset these numbers will automatically be entered into the VCR.

Before attempting a VideoPlus+ timer recording from your satellite receiver you must ensure that your satellite is receiving the correct stallite is receiving the correct stallite handbook) as the video recorder will not select the station as in a normal VideoPlus+ timer recording.



To affect a recording please follow the instructions 'VideoPlus+ Programming' on the 25 page.

CONNECTED BY LINE SCART CABLE

You may carry out VideoPlus+ recordings from your satellite via a scart (21 pin) cable. (Optional). In this instance please follow these steps.

PREPARATION

- 1. Select VideoPlus+ preset mode.
- 2. Press the AUX button.
- 3. 06 will now change to AUX.
- Press the MENU button to return to normal picture.
 All satellite recording will be made using the scart cable.



To input the satellite VideoPlus+ Channel Numbers

- 1. Select VideoPlus+ preset mode.
- 2. Press the AUX button.
- 3. Use the cursor buttons to move the white block.
- Use the Direct access buttons to input the satellite VideoPlus+ channel numbers (see fig A).
- 5. Press the MENU button to exit to normal viewing.

NOTE:

This function will take place automatically during the Autoset mode.

Additional satellite channels may be added by using this programme.

List of Satellite CH. to be preset

7 10 7	Name	VideoPlus+ CH
SAT	SKY ONE	101
	SKY NEWS	102
	SKY MOVIES	103
	THE MOVIE CHANNEL	104
	SKY SPORT	105
	NICKELODEON/NICK AT NIGHT	106
	EUROSPORT	107
	MTV EUROPE	109
	CHILDREN'S CHANNEL/ THE FAMILY CHANNEL	110
	SKY MOVIES GOLD	111
	UK GOLD	123
	DISCOVERY/TLC	124
	BRAVO/ADULT CHANNEL	125
	CNN	126
	THE LEARNING CHANNEL	128
	UK LIVING	130
100	SUPER CHANNEL	144
	T.N.T./CARTOON NETWORK	149

Fig. A

VideoPlus+ PROGRAMMING

VideoPlus+ is a trademark applied for by Gemstar Development Corp.

VideoPlus+ system is manufactured under licence from Gernstar Development Corporation.

TIMER RECORDING USING VideoPlus+ CODES

It is possible to programme timer recordings by inputting a VideoPlus+ Code number which can be found in the TV guide.

Example: Current Date 20:09:97 Programme for Timer Recording:

- -VideoPlus+ CH: 03 (VCR CH is set to 03)
- -VideoPlus+ Code: 653

Recording Form:

- -Date: ONCE
- -Speed: SP

In case of programming delay, recording will continue for 10 minutes past the broadcast end time.

PREPARATION

- 1. Turn on your VCR and TV.
- Select the VCR channel on your TV set.
 If you use the scart cable (line) to watch the TV, set the VCR to VCR mode by pressing the TV/VCR button on the remote control
- 3. Make certain that the clock is set correctly.

ACTION

 Press the VideoPlus+ button on the Remote Control and the picture shown appears.



2. Input the VideoPlus+ code.

NOTE:

Use the ← button to correct wrongly input codes by cancelling the incorrect input codes and replacing them with the correct.



 After inputting the VideoPlus+ code, select the wanted timer programme mode, for example ONCE, DAILY and WEEKLY. Press the VideoPlus+ button and the applicable data of the input VideoPlus+ code will be displayed.

At this stage it is possible to modify the data, if required, by moving the cursor with the buttons — / — .

NOTE:

If this programme overlaps with anything already programmed, the error message shown on the right is displayed for seven seconds.





To modify the programmed data refer to the following instructions:

CHANNEL SELECTION

To select the desired programme press the required Direct Access number buttons.



START TIME MODIFICATIONS

After moving the cursor to START time position by using the buttons \leftarrow/\rightarrow , and modify the time by using the + or – button.

The + button increases the time by 5 minutes: the – button decreases the time by 5 minutes.



END TIME MODIFICATIONS

After moving the cursor to END time position by using the buttons \leftarrow/\rightarrow , and modify the time by using the + or – button.

The + button increases the time by 5 minutes: the - button decreases the time by 5 minutes.



SPEED (SP/LP) MODIFICATIONS

Move cursor to Speed position with the \leftarrow/\rightarrow buttons and modify the Speed by using the + or – button.



PDC (ON/OFF) MODIFICATIONS

Move cursor to PDC position with the \leftarrow / \rightarrow buttons and modify the PDC by using the + or – button.



PDC (Programme Delivery Control)

This feature is used to delay the start and end times of VideoPlus+ recordings should a programme start or run late.

The PDC signal is generated at the beginning and end of each programme. The timer will only start and stop once this signal has been received.

Please note:

Some programmes do not contain PDC codes, as this is a new service, however, coverage will increase gradually during the next few years.

4. Once all the desired data has been set, press the VideoPlus+ button and all the programmed data will appear on the screen as shown. Check whether any of the programmes or data is overlapping.



Press the VideoPlus+ button again and the message shown appears for 3 seconds before returning to a normal picture.

NOTE:

If no buttons are pressed for 60 seconds during Timer Programming the programme is stored automatically: if the data is incomplete the programming is cancelled and normal picture restored.



VideoPlus+ PROGRAMMING WHEN THE PROGRAMME NUMBER DOESN'T APPEAR IN THE PROGRAMME POSITION

Although you input the VideoPlus+ code and press the **ONCE** button (or any other recording form for example, DAILY or WEEKLY), the picture screen appears as shown below; Only two hyphens "--" appear on the programme number position.



Please use the following procedure.

- Two hyphens mean that the TV station you wish to record is not memorized on the programme position.
- Check the programme list which TV station sends the programme that you want to record. (for example, BBC1 station)
 - Give the programme position number, for example 01, to the BBC1 station.
- 3. Enter this number 01 on pressing the 0 & 1 keys, then on your screen two hyphens will disappear and now the "PR 01" will appear.
- In VideoPlus+ mode you can modify the data by using + and - buttons.

The next time the same channel is recorded by using VideoPlus+, there will be no need to set the VideoPlus+ channel again.

NOTE: PR CH (--)

Input channel numbers from 01 to 40 directly. If the channel number has not been preset or is out of range, it is not selected.

AUX

Select **AUX** when the channel you want to record is input through EURO AV Scart from external equipment.

TROUBLESHOOTING BEFORE CALLING SERVICE PERSONNEL

Problem	Check		
POWER			
The Multi-function display is blank.	Is the unit plugged into a power outlet?		
Although the power is on, the VCR does not operate.	Is there a cassette in the VCR? If there is excessive humidity inside the VCR, it will not operate.		
VCR OPERATION (RECORD MODE)			
Tape is not recorded.	Is the safety tab on the cassette intact?		
Timer recording has failed.	Was the time set correctly? Was a blank cassette correctly inserted in the VCR? Is the power indicator on?		
Picture quality during off-air recording is poor.	Use MFT (Manual Fine Tuning) to improve the received picture.		
VCR OPERATION (PLAYBACK MODE)			
Picture quality during playback is poor.	Adjust the picture quality by using the PR/TRK buttons. The tape head may be dirty. Use a head cleaning tape.		
Picture does not appear in the PLAYBACK mode	Are the TV and VCR both tuned for the same channel? Are the connectors between the TV and the VCR connected correctly? Is the VCR indicator lit on the Display Panel?		
Noise bars appear in the picture in the SLOW mode.	Use the PR/TRK buttons to adjust to minimize noise.		
REMOTE CONTROL			
Remote control doesn't work	Do not batteries need replacing? Make sure that you are using the remote control within the operational range-normore than 30 degrees either side of the remote sensor and no more than 23 fee from the VCR. Make sure there is no obstruction between the remote control and VCR.		
TIMER			
Clock does not work.	Is the unit receiving power? If the unit has been left for some period of time without power, it will need to be		
	adjusted again.		
GENERAL	adjusted again.		
Tape won't go into the cassette compart-	,		
Tape won't go into the cassette compartment.	Is there another tape already in the VCR?		
GENERAL Tape won't go into the cassette compartment. Operation button don't work. Emergency indicator is blinking.	Is there another tape already in the VCR? Are you loading the tape correctly? (I.e., with the label side up) The REW/REV button does not work at the very beginning of a tape and the		

SPECIFICATIONS

SYSTEM

Video signal

Channel coverage Channel memory UHF output signal PAL standard colour PAL-I··· UHF Channel 21-69 40 positions 30-39 CH (adjustable) 73±3dBv

VIDEO

Input: Video line in

Output: Video line out

Signal to noise ratio Horizontal resolution SCART-type connector 1.0V (p-p) 75 ohms unbalanced, sync. negative SCART-type connector 1.0V (p-p) 75 ohms unbalanced, sync. negative More than 43dB 230 lines

AUDIO

Input: Audio line in

Output: Audio line out

Frequency response

Signal to noise ratio

Audio Distortion

SCART-type connector more than 50K ohms

-8 dBm, anbalanced

SCART-type connector less than 1K ohms –6 dBm, unbalanced

100 Hz-8 ĶHz

20 Hz-20 KHz (Hi-Fi)

More than 38 dB More than 60 dB (Hi-Fi)

Less than 3%

Less than 0.5% (Hi-Fi)

TAPE TRANSPORT

Tape width

Tape speed Maximum recording time

FF. REW time HI.REW time 12.65mm (1/2") 23.39 mm/sec (SP), 11.70 mm/sec (LP) 180 min (SP), 360 min (LP), with E-180 tape

Approx 4 min. 30 sec. (E-180) Approx 2 min. 30 sec. (E-180)

GENERAL

Power requirements Power consumption AC 230/240V 50Hz 20W

DIMENSIONS

Set size (WxHxD) Carton size (WxHxD) Weight (gross) 360x90x312 mm 445x180x412 mm 5.4Kg

DAEWOO ELECTRONICS SALES UK LIMITED YOUR PRODUCT GUARANTEE

Dear Customer.

Thank you for buying this Daewoo product. In the unlikely event of a failure all repair work will be carried out by your retailer or Daewoo approved service centre, for a period of 12 months from date of sale.

Daewoo Electronics Sales UK Ltd., will provide the following services in order to expedite this guarantee.

During this period should a fault occur due to improper materials or workmanship, the retailer, authorised service centre, or authorised service dealer will carry out repairs at no cost to yourself. Replacement products will be offered at the discretion of your supplying dealer.

This guarantee will be honoured by Daewoo service networks in other E.C. members states, in accordance with the terms and conditions which prevail in the member state at the time service is requested.

CONDITIONS

Any claims made under the terms of the guarantee must be supported by the original invoice/bill of sale issued at the time of sale. Daewoo reserve the right to refuse guarantee should any of the information on the bill of sale be removed or changed in any way after the original purchase of the product by the consumer from the retailer.

Modifications or adjustments made to the product which enable it to conform to local technical or safety standards in force in any country other than the one for which the product was originally designed and manufactured, are not included in this guarantee. Failures arising from such modifications, whether performed properly or not, will not be covered by this guarantee.

THIS GUARANTEE DOES NOT COVER ANY OF THE FOLLOWING:-

- 1) Periodic maintenance, the repair or replacement of parts due to normal wear and tear.
- 2) Home service transport cost, and other costs and risks of transport relating directly or indirectly to the guarantee of the product.
- 3) Damage to this product resulting from: the above and misuse, including but not limited to the failure to the this product for its normal purpose or in accordance with the instructions on the proper use and maintenance of this product, and the installation or the use of this product in a manner inconsistent with the technical or safety standards in force in the country where the product is used.
- 4) Repairs carried out by non-authorised service centres.
- 5) Accidents, acts of God, or any cause beyond the control of Daewoo including but not limited to lightning, water, fire and improper ventilation.
- 6) Aerial alignment and consumer control adjustments.
- 7) Batteries whether supplied by Daewoo or not which become worn or exhausted in use.
- 8) Loss or damage caused to any item or article used with this product. This includes (but not limited to) discs, tapes, records, and films.

This guarantee does not affects your statutory rights as a consumer, not your rights against the retailer, arising from their sales or purchase contract.

In the absence of applicable legislation, this guarantee will be the consumers sole and exclusive remedy, and neither Daewoo nor its subsidiary, or distributor shall be liable for any incidental or consequential damages for breach of any express or implied guarantee of this product.

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Daewoo Electronics Sales UK Limited Daewoo Building Wharfdale Road Winnersh Triangle Wokingham Berkshire RG11 5TP

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